

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Filing Date

September 19, 2001

First Named Inventor

Hoopman, Timothy L.

Art Unit

1722

Examiner Name

Joseph Leyson

Attorney Case Number

49933US032

(Use as many sheets as necessary)

Page 1 of 1

U.S. Patent Documents

Exam. Init.*	Cite No.	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Doc. Number-(Kind Code if Known)			
	A1	US-			
	A2	US-			
	A3	US-			
	A4	US-			
	A5	US-			
	A6	US-			
	A7	US-			

Foreign Patent Documents

Exam. Init.*	Cite No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation (Check if yes)
		Ctry. Code	Number-KindCode (if known)				
JP	B1	JP	57-59054	09/24/1980			X
JP	B2	JP	7-164330	06/27/1995			*
JP	B3	JP	3-73276	03/28/1991			**
	B4						

Class	Sub Class
-	-
-	-
-	-

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium; catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	C1	

* JP 7-164330 claims priority to USSN 120,297 which is the same application from which U.S. Patent 5,489,235 issued. U.S. Patent No. 5,489,235 was cited in a previous Information Disclosure Statement dated June 7, 2000.

** JP 3-73276 claims priority to USSN 347,663 which is the same application from which U.S. Patent 5,014,468 issued. U.S. Patent No. 5,014,468 was cited in a previous Information Disclosure Statement dated June 7, 2000.

*Examiner:

Joseph Leyson

Date Considered:

8-20-03

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.